

# Contents

*Marine Geology Volume 132, 1996*

**Special Issue: The Mediterranean Ridge Diapiric Belt. Edited by M.B. Cita, M.K. Ivanov and J.M. Woodside**

Introduction: The Mediterranean Ridge Diapiric Belt .....	1
The Mediterranean Ridge and related mud diapirism: a background	
A.F. Limonov, J.M. Woodside, M.B. Cita and M.K. Ivanov .....	7
Distribution of mud diapirism and other geological structures from long-range sidescan sonar (GLORIA) data, in the Eastern Mediterranean Sea	
N. Fusi and N.H. Kenyon .....	21
Sidescan sonar images of mud volcanoes from the Mediterranean Ridge: possible causes of variations in backscatter intensity	
A.V. Volgin and J.M. Woodside .....	39
Brine pools associated with Mediterranean Ridge mud diapirs: an interpretation of echo-free patches in deep tow sidescan sonar data	
J.M. Woodside and A.V. Volgin .....	55
Geomorphological study of an area with mud diapirs south of Crete (Mediterranean Ridge)	
W. Hieke, F. Werner and H.-W. Schenke .....	63
Structural features of mud volcanoes and the fold system of the Mediterranean Ridge, south of Crete	
J. Galindo-Zaldivar, L. Nieto and J. Woodside .....	95
The summit area (Antaeus/Pan di Zuccherò) of the Mediterranean Ridge: a mud diapir field?	
W. Hieke, M.B. Cita, G.L. Mirabile, A. Negri and F. Werner .....	113
Stratigraphy and sedimentation in the Mediterranean Ridge diapiric belt	
M.B. Cita, E. Erba, R. Lucchi, M. Pott, R. van der Meer and L. Nieto .....	131
Lithology of mud breccia clasts from the Mediterranean Ridge	
G.G. Akhmanov .....	151
Grading in mud volcanic breccia from the Mediterranean Ridge	
R. van der Meer .....	165
Age variation in the source of the diapiric mud breccia along and across the axis of the Mediterranean Ridge Accretionary Complex	
I.P. Silva, E. Erba, S. Spezzaferri and M.B. Cita .....	175
The inorganic geochemistry of a Mediterranean Ridge mud breccia	
S.J. Wakefield and G.M. O'Sullivan .....	203
The "Marker-bed" of the Mediterranean Ridge diapiric belt: geochemical characteristics	
L. De Capitani and M.B. Cita .....	215
First evidence of benthic communities based on chemosynthesis on the Napoli mud volcano (Eastern Mediterranean)	
C. Corselli and D. Basso .....	227
Messinian salt fluxes into the present-day Eastern Mediterranean: implications for budget calculations and stagnation	
P. van Santvoort and G. de Lange .....	241
Comparative characteristics of the Black Sea and Mediterranean Ridge mud volcanoes	
M.K. Ivanov, A.F. Limonov and Tj.C.E. van Weering .....	253
<b>Contents Volume 132 .....</b>	<b>273</b>

